

Title (en)

SIMULTANEOUS GROWTH OF TWO SILICON CARBIDE LAYERS

Title (de)

GLEICHZEITIGES WACHSTUM VON ZWEI SILIZIUMKARBIDSCHICHTEN

Title (fr)

CROISSANCE SIMULTANÉE DE DEUX COUCHES DE CARBURE DE SILICIUM

Publication

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Application

EP 22706432 A 20220218

Priority

- SE 2150279 A 20210311
- SE 2022050180 W 20220218

Abstract (en)

[origin: WO2022191753A1] Provided is a system (100) for simultaneously producing a first and a second epitaxial monocrystalline layer on a respective first and second substrate, comprising a first inner container (3) defining a first cavity for accommodating a first source material and the first substrate, a second inner container (4) defining a second cavity for accommodating a second source material and the second substrate, an insulation container (6) arranged to accommodate the first and second inner containers (3, 4) therein, an outer container (7) arranged to accommodate the insulation container (6) and the first and second inner containers (3, 4) therein and heating means (8) arranged outside the outer container (7) and configured to heat the first and second cavities simultaneously.

IPC 8 full level

C30B 23/02 (2006.01); **C30B 29/36** (2006.01)

CPC (source: EP KR SE US)

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